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PTO

FORM PTO-1082

83394.0010  
Express Mail Label No. EV 325 216 933 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The application of:

Hidemitsu NAYA, Koji HASHIMOTO, Masamichi KAWANO and Rikio TOMIYOSHI

Serial No: Not assigned

Filed: July 23, 2003

For: SEMICONDUCTOR MANUFACTURING APPARATUS

22212 U.S. PTO  
10/625887  
07/23/03

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

**CORRESPONDENCE ADDRESS:**

Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

21 sheet(s) of drawings ( formal  informal) is(are) enclosed.

37 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.

An assignment of the invention to HITACHI HIGH-TECHNOLOGIES CORPORATION  is enclosed  will follow.

An associate power of attorney  is enclosed  will follow.

Applicant claims small entity status. See 37 CFR 1.27.

Declaration and Power of Attorney  is enclosed  will follow.

A certified copy of Japanese Patent Application No. 2002-241294 filed August 22, 2002 from which priority is claimed under 35 U.S.C. § 119 is enclosed.

IDS enclosed ( with 10 reference(s)).

Preliminary Amendment is enclosed.

Application data sheet is enclosed. See 37 CFR 1.76.

Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS	NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	15	-20	0	LG=\$18 SM=\$9	\$18
B INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$84 SM=\$42	\$84
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					0
D MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 0
E BASIC FEE				LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375	\$ 750
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 750
G ASSIGNMENT RECORDING FEE					\$ 40

\*LIST INDEPENDENT CLAIMS 1.

Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.

A check in the amount of \$ 750.00 to cover the filing fee is enclosed.

A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.

The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**

Any additional filing fees required under 37 C.F.R. 1.16

Any patent application processing fees under 37 C.F.R. 1.17

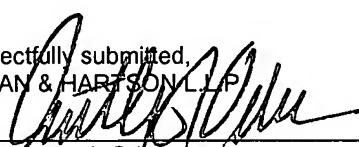
Date: July 23, 2003

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Respectfully submitted,  
HOGAN & HARTSON LLP

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17648 U.S. PTO  
07/23/03

PATENT  
Attorney Docket No: 83394.0010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hidemitsu NAYA et al.

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Art Unit: Not assigned

Examiner: Not assigned

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Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 750.00 as filing fee
- patent application (37 page(s) of specification; 15 claim(s); 1 page(s) of abstract
- 21 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to HITACHI HIGH-TECHNOLOGIES CORPORATION
- certified copy of Japanese patent application No. 2002-241294 which was filed August 22, 2002 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 10 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

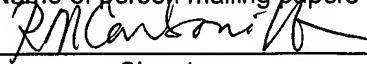
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P.O. Box 1450  
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Date: July 23, 2003

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Roeshene Carbonilla

Name of person mailing papers



Signature